## FEB 1 COMBINED DECLARATION AND POWER OF ATTORNEY FOR UTILITY PATENT APPLICATION

Attorney's Docket No. 012778-122

As a below-named inventor, I hereby declare that:	•
My residence, post office address and citizenship are as state	ed below next to my name;
I BELIEVE I AM THE ORIGINAL, FIRST AND SOLE ORIGINAL, FIRST AND JOINT INVENTOR (if more that WHICH IS CLAIMED AND FOR WHICH A PATENT IS	n one name is listed below) OF THE SUBJECT MATTER
ROAD CONDITION ESTIMATION APPAR	ATUS
the specification of which	
(check one)	is attached hereto;
	was filed on October 10, 2003 as
•	Application No.
	and was amended on;
	(if applicable)
I HAVE REVIEWED AND UNDERSTAND THE CONTI INCLUDING THE CLAIMS, AS AMENDED BY ANY A	
I ACKNOWLEDGE THE DUTY TO DISCLOSE TO THE MATERIAL TO PATENTABILITY AS DEFINED IN TITI (as amended effective March 16, 1992);	
I do not know and do not believe the said invention was ever my or our invention thereof, or patented or described in any invention thereof or more than one year prior to said applica- in the United States of America more than one year prior to or made the subject of an inventor's certificate issued before United States of America on any application filed by me or months prior to said application;	r printed publication in any country before my or our ation; that said invention was not in public use or on sale said application; that said invention has not been patented to the date of said application in any country foreign to the
I hereby claim foreign priority benefits under Title 35, Unit application(s) for patent or inventor's certificate as indicated application for patent or inventor's certificate on this invent which priority is claimed:	d below and have also identified below any foreign

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COUNTRY/INTERNATION	APPLICATION		ATE OF FILING day, month, year)	PRIORITY CLAIMED
JAPAN	2002-2983	58 11	, 10, 2002	YES <u>×</u> NO_
		-		YES_ NO_
			·	YES_ NO_
				YES_ NO_
				YES_ NO_
				YES_ NO_
Benton S. Duffett, Jr.  Norman H. Stepno  Ronald L. Grudziecki  Frederick G. Michaud, Jr.  Alan E. Kopecki  Regis E. Slutter  Samuel C. Miller, III  Robert G. Mukai  George A. Hovanec, Jr.  James A. LaBarre  E. Joseph Gess  2	2,124 Teresa Stanck Re 2,030 Robert E. Krebs 2,716 William C. Rowl 4,970 T. Gene Dillahur 6,003 Patrick C. Keane 5,813 B. Jefferson Bog 6,999 William H. Benz 77,360 Peter K. Skiff 8,531 Richard J. McGr 8,632 Matthew L. Schr 18,632 Michael G. Sava 18,510 Gerald F. Swiss 17,903 Charles F. Wiela	25,885 land 30,888 oty 25,423 e 32,858 ggs, Jr. 32,344 c 25,952 31,917 rath 29,195 neider 32,814 lge 32,596 30,113	Ronni S. Jillions Harold R. Brown II Allen R. Baum Brian P. O'Shaught Kenneth B. Leffler Fred W. Hathaway Wendi L. Weinsteit Mary Ann Dillahun	36,086 32,747 36,075 32,236 a 34,456 aty 34,576
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address all correspondence to:  21839	P.O. Bo	Doane, Swecker & N x 1404 Iria, Virginia 22313-14	:	at (703) 836-6620
address all correspondence to:	P.O. Bo Alexand  Ints made herein of my own e; and further that these state punishable by fine or imprised false statements may jeopa	knowledge are true and tements were made with comment, or both, under	d that all statements ments to the knowledge that or Section 1001 of Title e application or any p	willful false state- e 18 of the United

## **COMBINED DECLARATION AND POWER OF ATTORNEY**

Attorney's Docket No. 012778-122

FULL NAME OF SECOND JOINT INVENTOR, IF ANY	SIGNATURE		DATE				
Eiichi ONO	Erichi Ono		Oct.	22,	2003		
RESIDENCE		CITIZENSHIP					
Toyota city, Aichi pref., Japan	_	Japanese					
POST OFFICE ADDRESS C/O KABUSHIKI KAISHA TOYOTA CHUO KENKYUSHO,							
41-1, Aza Yokomichi, Oaza Nagakute, Nagakute-cho, Aichi-gun, Aichi pref., Japan							
FULL NAME OF THIRD JOINT INVENTOR, IF ANY SIGNATURE		. 0.	DATE	-			
Yuji MURAGISHI	Jup muray	riski	Oct.	22,	2003		
RESIDENCE		CITIZENSHIP	•				
Nagoya city, Aichi pref., Japan		Japanese					
POST OFFICE ADDRESS C/O KABUSHIKI KAISHA TOYOTA CHUO KENKYUSHO,							
41-1, Aza Yokomichi, Oaza Nagakute, Nagak	ute-cho, Aichi-gu	n, Aichi pre	ef., Ja	pan			
FULL NAME OF FOURTH JOINT INVENTOR, IF ANY	SIGNATURE	0	DATE		i		
Shinji TAKEUCHI	Shinji lates	uchi	Oct.2	27, 2	2003		
RESIDENCE		CITIZENSHIP					
Okazaki city, Aichi pref., Japan		Japanese					
POST OFFICE ADDRESS C/O TOYODA KOKI KABI	JSHIKI KAISHA,			-	-		
1, Asahi-machi 1-chome, Kariya city		, Japan					
FULL NAME OF FIFTH JOINT INVENTOR, IF ANY	SIGNATURE	•	DATE				
Minekazu MOMIYAMA	minekaza me	omujama	Oct.	27,	2003		
RESIDENCE		CÍTIZENSHIP	•				
Chiryu city, Aichi pref., Japan		Japanese					
POST OFFICE ADDRESS C/O TOYODA KOKI KAB	USHIKI KAISHA,			-			
1, Asahi-machi 1-chome, Kariya cit		, Japan					
FULL NAME OF SIXTH JOINT INVENTOR, IF ANY	SIGNATURE		DATE				
Hiroaki KATO	SIGNATURE Héroakí K		Oct.	27,	2003		
Hiroaki KATO RESIDENCE		CITIZENSHIP		27,	2003		
Hiroaki KATO  RESIDENCE  Hekinan city, Aichi pref., Japan	Hiroaki K			27,	2003		
Hiroaki KATO  RESIDENCE Hekinan city, Aichi pref., Japan  POST OFFICE ADDRESS c/o TOYODA KOKI KAB	Híroakí K USHIKI KAISHA,	CITIZENSHIP Japanese		27,	2003		
Hiroaki KATO  RESIDENCE  Hekinan city, Aichi pref., Japan  POST OFFICE ADDRESS c/o TOYODA KOKI KAB  1, Asahi-machi 1-chome, Kariya cit	Híroakí K USHIKI KAISHA,	CITIZENSHIP Japanese	Oct.	27,	2003		
Hiroaki KATO  RESIDENCE  Hekinan city, Aichi pref., Japan  POST OFFICE ADDRESS c/o TOYODA KOKI KAB  1, Asahi-machi 1-chome, Kariya cit  FULL NAME OF SEVENTH JOINT INVENTOR, IF ANY	USHIKI KAISHA, y, Aichi pref.	CITIZENSHIP Japanese , Japan	Oct.				
Hiroaki KATO  RESIDENCE Hekinan city, Aichi pref., Japan  POST OFFICE ADDRESS c/o TOYODA KOKI KAB  1, Asahi-machi 1-chome, Kariya cit  FULL NAME OF SEVENTH JOINT INVENTOR, IF ANY YUZO IMOTO	Néroakí K USHIKI KAISHA, y, Aichi pref.	CITIZENSHIP Japanese , Japan	Oct.				
Hiroaki KATO  RESIDENCE Hekinan city, Aichi pref., Japan  POST OFFICE ADDRESS c/o TOYODA KOKI KAB  1, Asahi-machi 1-chome, Kariya cit  FULL NAME OF SEVENTH JOINT INVENTOR, IF ANY YUZO IMOTO  RESIDENCE	USHIKI KAISHA, y, Aichi pref.	CITIZENSHIP Japanese , Japan CITIZENSHIP	Oct.				
Hiroaki KATO  RESIDENCE Hekinan city, Aichi pref., Japan  POST OFFICE ADDRESS c/o TOYODA KOKI KAB 1, Asahi-machi 1-chome, Kariya cit  FULL NAME OF SEVENTH JOINT INVENTOR, IF ANY YUZO IMOTO  RESIDENCE Chita-gun, Aichi pref., Japan	USHIKI KAISHA, y, Aichi pref.	CITIZENSHIP Japanese , Japan	Oct.				
Hiroaki KATO  RESIDENCE Hekinan city, Aichi pref., Japan  POST OFFICE ADDRESS c/o TOYODA KOKI KAB 1, Asahi-machi 1-chome, Kariya cit FULL NAME OF SEVENTH JOINT INVENTOR, IF ANY YUZO IMOTO  RESIDENCE Chita-gun, Aichi pref., Japan  POST OFFICE ADDRESS	USHIKI KAISHA, y, Aichi pref. SIGNATURE y u jo James	CITIZENSHIP Japanese , Japan  CITIZENSHIP Japanese	DATE Oct.	30,	2003		
Hiroaki KATO  RESIDENCE Hekinan city, Aichi pref., Japan  POST OFFICE ADDRESS c/o TOYODA KOKI KAB 1, Asahi-machi 1-chome, Kariya cit  FULL NAME OF SEVENTH JOINT INVENTOR, IF ANY YUZO IMOTO  RESIDENCE Chita-gun, Aichi pref., Japan  POST OFFICE ADDRESS 39-14, Thosendai, Ogawa, Higashiura	USHIKI KAISHA, y, Aichi pref. SIGNATURE Jufo James	CITIZENSHIP Japanese , Japan  CITIZENSHIP Japanese	DATE Oct.	30,	2003		
Hiroaki KATO  RESIDENCE Hekinan city, Aichi pref., Japan  POST OFFICE ADDRESS c/o TOYODA KOKI KAB 1, Asahi-machi 1-chome, Kariya cit  FULL NAME OF SEVENTH JOINT INVENTOR, IF ANY YUZO IMOTO  RESIDENCE Chita-gun, Aichi pref., Japan  POST OFFICE ADDRESS 39-14, Thosendai, Ogawa, Higashiura FULL NAME OF EIGHTH JOINT INVENTOR, IF ANY	USHIKI KAISHA, y, Aichi pref. SIGNATURE Jufo Janta-gi	CITIZENSHIP Japanese  CITIZENSHIP Japanese  un, Aichi	DATE Oct.	30,	2003 pan		
Hiroaki KATO  RESIDENCE  Hekinan city, Aichi pref., Japan  POST OFFICE ADDRESS c/o TOYODA KOKI KAB  1, Asahi-machi 1-chome, Kariya cit  FULL NAME OF SEVENTH JOINT INVENTOR, IF ANY YUZO IMOTO  RESIDENCE Chita-gun, Aichi pref., Japan  POST OFFICE ADDRESS  39-14, Thosendai, Ogawa, Higashiura  FULL NAME OF EIGHTH JOINT INVENTOR, IF ANY Hiroaki AIZAWA	USHIKI KAISHA, y, Aichi pref. SIGNATURE JAMA  a-cho, Chita-gu	CITIZENSHIP Japanese  CITIZENSHIP Japanese  un, Aichi	DATE Oct.	30,	2003		
Hiroaki KATO  RESIDENCE Hekinan city, Aichi pref., Japan  POST OFFICE ADDRESS c/o TOYODA KOKI KAB 1, Asahi-machi 1-chome, Kariya cit  FULL NAME OF SEVENTH JOINT INVENTOR, IF ANY YUZO IMOTO  RESIDENCE Chita-gun, Aichi pref., Japan  POST OFFICE ADDRESS 39-14, Thosendai, Ogawa, Higashiura FULL NAME OF EIGHTH JOINT INVENTOR, IF ANY	USHIKI KAISHA, y, Aichi pref. SIGNATURE Jufo Janta-gi	CITIZENSHIP Japanese  CITIZENSHIP Japanese  un, Aichi	DATE Oct.	30,	2003 pan		
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RESIDENCE Hekinan city, Aichi pref., Japan POST OFFICE ADDRESS c/o TOYODA KOKI KAB 1, Asahi-machi 1-chome, Kariya cit FULL NAME OF SEVENTH JOINT INVENTOR, IF ANY YUZO IMOTO RESIDENCE Chita-gun, Aichi pref., Japan POST OFFICE ADDRESS 39-14, Thosendai, Ogawa, Higashiura FULL NAME OF EIGHTH JOINT INVENTOR, IF ANY Hiroaki AIZAWA RESIDENCE	USHIKI KAISHA, y, Aichi pref. SIGNATURE Jufo James a-cho, Chita-gr SIGNATURE Jiroaki Ai	CITIZENSHIP Japanese  CITIZENSHIP Japanese  un, Aichi  Gawa  CITIZENSHIP Japanese	DATE Oct.  DATE Oct.	30,	2003 pan		
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